

# Radio Program

Extension Service  
Colorado Agricultural College  
April 1929 to September 1929

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Station KOA, Denver, Colorado  
(830 Kilocycles—361.2 meters)

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The Extension Service broadcasts programs of interest to the farmer and his family over Station KOA at Denver, Colorado, every Thursday evening from 7:30 to 8:00 o'clock Mountain Standard Time.

Farm and home problems of seasonal interest are discussed in comprehensive talks by the faculty and experiment station and extension service staff members..

Timely Topics Affecting Colorado's Agriculture and "Glimpses of Farm Markets" are included in each of these programs. These topics provide the latest information regarding the trend of the market on commodities especially applicable to Colorado and the Rocky Mountain Region. "Glimpses of Farm Markets" is a telegraphic market review furnished by the Bureau of Agricultural Economics of the U. S. Department of Agriculture at Washington, D. C., and sent to their Denver Market News Service Office over their leased wires for this special broadcast. This service brings to the farmer and stockman the latest word on supply and demand and is not confined merely to quotations.

This program also includes a complete schedule of all agricultural information broadcast by radio stations in Colorado in addition to the weekly program presented over Station KOA at Denver.

Copies of all talks presented on our program over Station KOA are printed for free distribution. Requests for special subjects to be discussed are always welcome, also comments regarding our programs. Please address your communications to the Extension Service, Colorado Agricultural College, Fort Collins, Colorado.

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COLORADO AGRICULTURAL COLLEGE  
EXTENSION SERVICE                      CHAS. A. LORY, DIRECTOR  
FORT COLLINS

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COOPERATIVE EXTENSION WORK IN AGRICULTURE AND  
HOME ECONOMICS, COLORADO AGRICULTURAL COLLEGE AND  
THE UNITED STATES DEPARTMENT OF AGRICULTURE COOPER-  
ATING. DISTRIBUTED IN FURTHERANCE OF ACTS OF CON-  
GRESS OF MAY 8 AND JUNE 30, 1914.

## RADIO PROGRAM

April 1, 1929, to September 1, 1929

### April 4

- O. C. Ufford, Extension Poultry Specialist  
"Artificial Brooding of Turkeys" (7 minutes)
- Mrs. Blanche E. Hyde, Extension Clothing Specialist  
"Style Feature and Points of Construction" (7 minutes)
- Miriam J. Williams, Extension Nutrition Specialist  
"A Good Breakfast Starts the Day Right" (7 minutes)
- F. A. Anderson, Assistant to Director  
"Timely Topics Affecting Colorado's Agriculture"

### April 11

- Waldo Kidder, Extension Agronomist  
"Alfalfa Seeding and Barley for a Nurse Crop" (7 minutes)
- Floyd Cross, Associate Veterinary Pathologist  
"Sweet Clover Poisoning" (7 minutes)
- W. G. Sackett, Bacteriologist  
"Germs in Milk" (7 minutes)
- F. A. Anderson, Assistant to Director  
"Timely Topics Affecting Colorado's Agriculture"

### April 18

- Geo. H. Glover, Professor of Veterinary Medicine  
"Poisonous Plants" (7 minutes)
- Alvin Kezer, Chief Agronomist  
"Summer Fallowing" (7 minutes)
- Waldo Kidder, Extension Agronomist  
"Time to Plow Sweet Clover for Best Results in Soil Improvement" (7 minutes)
- F. A. Anderson, Assistant to Director  
"Timely Topics Affecting Colorado's Agriculture"

### April 25

- Ruth J. Wattles, Assistant Professor of English  
"The Rural Drama" (7 minutes)
- Geo. H. Glover, Professor of Veterinary Medicine  
"Veterinary Medical Education" (7 minutes)
- R. T. Burdick, Associate Professor of Economics  
"Colorado Farm Problems" (7 minutes)
- F. A. Anderson, Assistant to Director  
"Timely Topics Affecting Colorado's Agriculture"

## May 2

Bertha Most, Associate Professor, Home Economics

"The Search for a Lot" (7 minutes)

B. F. Coen, Associate Professor, Sociology

"Some Facts and Factors Relative to Successful Colorado Farm Families" (7 minutes)

Geo. T. Avery, Associate Professor of Psychology and Education

"Child Training" (7 minutes)

F. A. Anderson, Assistant to Director

"Timely Topics Affecting Colorado's Agriculture"

## May 9

I. E. Newsom, Professor of Veterinary Pathology

"Anemia in Pigs" (7 minutes)

S. Arthur Johnson, Dean of the Faculty

"An Ordered World" (12 minutes)

F. A. Anderson, Assistant to Director

"Timely Topics Affecting Colorado's Agriculture"

## May 16

E. B. House, Professor of Civil and Irrigation Engineering

"Irrigation History" (15 minutes)

Bertha Most, Associate Professor of Home Economics

"The House is Planned to Grow" (7 minutes)

F. A. Anderson, Assistant to Director

"Timely Topics Affecting Colorado's Agriculture"

## May 23

Chas. A. Lory, President, Colorado Agricultural College

"The Future of Colorado" (15 minutes)

B. F. Coen, Associate Professor of Sociology

"Town and County Relations" (5 minutes)

I. E. Newsom, Professor of Veterinary Pathology

"How We Catch Disease" (5 minutes)

F. A. Anderson, Assistant to Director

"Timely Topics Affecting Colorado's Agriculture"

## May 30

Memorial Day Program (30 minutes)

Address by John P. Lucas, Major Field Artillery, U. S. Army

Address: Frank W. Moore

F. A. Anderson, Assistant to Director

"Timely Topics Affecting Colorado's Agriculture"



### June 6

R. G. Richmond, Deputy State Entomologist  
"The Beginning of the Honey Flow" (7 minutes)

E. J. Maynard, Associate in Animal Investigations

"High Lights from Current Feeding Experiments" (7 minutes)

Bertha Most, Associate Professor of Home Economics

"Furnishing for Permanency" (7 minutes)

F. A. Anderson, Assistant to Director

"Timely Topics Affecting Colorado's Agriculture"

### June 13

W. G. Sackett, Bacteriologist

"Domestic Water" (7 minutes)

R. T. Burdick, Associate Professor of Economics

"The Treatment of Farm Ills" (7 minutes)

Herbert C. Hanson, Associate Professor of Botany

"Results of Deferred and Rotation Grazing" (5 minutes)

Floyd Cross, Associate Professor, Veterinary Pathology

"Hemorrhagic Septicemia" (7 minutes)

F. A. Anderson, Assistant to Director

"Timely Topics Affecting Colorado's Agriculture"

### June 20

J. C. Wright, Director, Federal Board of Vocational Education, Washington, D. C.

"Vocational Education" (12 minutes)

Chas. A. Lory, President, Colorado Agricultural College

"The Need for an Open Mind in Agriculture" (12 minutes)

F. A. Anderson, Assistant to Director

"Timely Topics Affecting Colorado's Agriculture"

### June 27

Chas. A. Prosser, President, Dunwoody Institute, Minneapolis, Minnesota

"Education and Industry" (12 minutes)

C. P. Gillette, State Entomologist and Director of Experiment Station

"My Philosophy of Life" (12 minutes)

F. A. Anderson, Assistant to Director

"Timely Topics Affecting Colorado's Agriculture"

### July 4

Patriotic Program  
(30 minutes)

F. A. Anderson, Assistant to Director  
"Timely Topics Affecting Colorado's  
Agriculture"

### July 11

Mable Russell, Associate Professor of Home  
Economics, Iowa State College, Ames, Iowa  
"Problems of Home Decoration" (7 min-  
utes)

E. L. Kirkpatrick, Professor of Economics and  
Sociology, University of Wisconsin  
"The Farmers' Standard of Living" (7  
minutes)

E. A. Lungren, Assistant Pathologist,  
U. S. D. A.  
"Sources of Black Stem Rust" (7 minutes)

F. A. Anderson, Assistant to Director  
"Timely Topics Affecting Colorado's  
Agriculture"

### July 18

H. W. Foght, President of University of  
Wichita, Wichita, Kansas

"Adult Schools in Denmark" (7 minutes)

Marian Breckenridge, Instructor, Merrill-Pal-  
mer School, Detroit, Michigan

"Child Development" (7 minutes)

W. G. Sackett, Bacteriologist

"Infantile Paralysis" (7 minutes)

F. A. Anderson, Assistant to Director  
"Timely Topics Affecting Colorado's  
Agriculture"

### July 25

Speakers to Be Announced

"How County and State Fairs Promote Ag-  
ricultural Development" (20 minutes)

Walter S. Ball, Assistant in Botany

"Chemical Sprays and Weed Killers" (5  
minutes)

F. A. Anderson, Assistant to Director  
"Timely Topics Affecting Colorado's  
Agriculture"

### August 1

C. P. Gillette, State Entomologist and Direc-  
tor of Experiment Station

"Some Things Everyone Should Know  
About Heredity" (7 minutes)

B. F. Coen, Associate Professor of Sociology  
"The Country Boy Speaks His Mind" (7  
minutes)

L. A. Moorhouse, Professor of Economics and  
Sociology

"Research in Agricultural Economics" (7  
minutes)

F. A. Anderson, Assistant to Director  
"Timely Topics Affecting Colorado's  
Agriculture"

### August 8

- S. L. Macdonald, Professor of Mathematics  
"Popular Astronomy" (10 minutes)
- S. Arthur Johnson, Dean of the Faculty  
"My Materialism" (7 minutes)
- Geo. E. Morton, Professor of Animal Husbandry and State Dairy Commissioner  
Subject to be Announced (7 minutes)
- F. A. Anderson, Assistant to Director  
"Timely Topics Affecting Colorado's Agriculture"

### August 15

- L. A. Moorhouse, Professor of Economics and Sociology  
"Education in Economics and Sociology in Relation to Agriculture" (7 minutes)
- E. B. House, Professor of Civil and Irrigation Engineering  
"Roads" (7 minutes)
- C. P. Gillette, State Entomologist and Director of Experiment Station  
"Some Things Everyone Should Know About Insects" (7 minutes)
- F. A. Anderson, Assistant to Director  
"Timely Topics Affecting Colorado's Agriculture"

### August 22

- B. F. Coen, Associate Professor of Sociology  
"A Name for Your Farm" (7 minutes)
- R. T. Burdick, Associate Professor of Economics  
"What Will Our Harvest Be?" (7 minutes)
- Geo. E. Morton, Professor of Animal Husbandry and State Dairy Commissioner  
Subject to be Announced (7 minutes)
- F. A. Anderson, Assistant to Director  
"Timely Topics Affecting Colorado's Agriculture"

### August 29

- Alvin Kezer, Chief Agronomist  
Subject to be Announced (7 minutes)
- L. W. Durrell, Professor of Botany  
"Treat Fall Wheat Before Planting" 7 minutes)
- Geo. H. Glover, Professor of Veterinary Medicine  
"Municipal Food Supervision" (7 minutes)
- F. A. Anderson, Assistant to Director  
"Timely Topics Affecting Colorado's Agriculture"



Agricultural information in addition to the regular programs broadcast by the Extension Service on Thursday of each week over Station KOA, Denver, is as follows:

#### KOA—Denver

Daily, except Saturdays and Sundays—  
11:15 to 11:30 A. M.

Program by U. S. D. A., Washington, D. C., direct from Washington over network of National Broadcasting Company.

Daily, except Sundays and Wednesdays—  
12:00 noon and 5:30 P. M.

Livestock market reports furnished by the Denver Office of Market News Service, Bureau of Agricultural Economics, U. S. D. A. Weekly, Mondays—5:30 P. M.

Grain market review furnished by Bureau of Agricultural Economics, U. S. D. A., Washington.

Weekly, Wednesdays—6:00 P. M.

Livestock market reports furnished by the Denver Office of Market News Service, Bureau of Agricultural Economics, U. S. D. A.

#### KLZ—Denver

Daily, Monday, Wednesday and Friday—  
10:15 A. M.

Livestock report and Aunt Sammy's Household Chats.

Daily, Monday, Wednesday and Friday—  
6:55 P. M.

Boston Wool Market.

#### KFXF—Denver

Daily, except Sundays—5:50 P. M.

Summary of Fruit, Vegetable and Livestock Markets and Shipments.

Daily, except Saturday and Sunday—6:00 P. M.

Farm flashes.

Monthly, first Monday of each month—  
6:10 P. M.

Agricultural Situation Review.

Monthly, (about 15th of month)

Industrial and employment survey reports with forecasts for following month covering Colorado, New Mexico, Wyoming, Utah, Nevada, Montana, Idaho and Arizona, by Director of Eighth (Mtn.) District of the U. S. Employment Service, Department of Labor.

**KGHF—Pueblo**

Weekly, Thursdays—7:30-8:00 P. M.

Pueblo County Extension Service Program.

**KGEK—Yuma**

Daily, 12:50 to 1:05 (Noon Hour)

Release by Radio Service, U. S. D. A., Washington, D. C., including Housekeeper's Chat, Out of Doors with the Scientist, Farm Science Snapshots, and Agricultural Situation Review.

**KFUM—Colorado Springs**

Daily, except Sunday—8:15 to 8:30 P. M.

Agricultural Information

Weekly, Thursdays—7:30 to 8:00 P. M.

Special Agricultural program.

**KGEW—Fort Morgan**

Releases by Radio Service, U. S. D. A., Washington, D. C., including Housekeeper's Chats, Farm Flashes, Farm Forum and Agricultural Situation Review.

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**OUR BULLETIN SERVICE**

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In addition to the reprints of radio talks, we call attention to our available bulletins which are sent free upon request. These bulletins contain detailed information on the following general topics: Crops, Dairying, Livestock, Fairs, Forestry, Foods, Clothing and Farm Management. Write for complete list.

We also invite you to write us or to see your County Extension Agent for further information on farm and home subjects whether related to our radio broadcasting programs or not.



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# Radio Broadcasting

by  
Extension Service  
Colorado Agricultural College

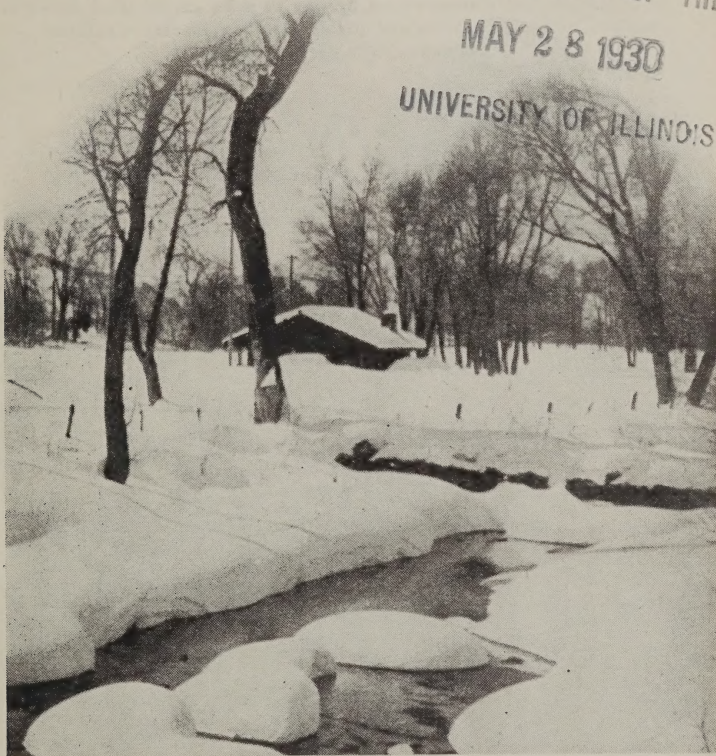
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COLORADO AGRICULTURAL COLLEGE

Extension Service

Fort Collins

C. A. Lory, Acting Director

Cooperative Extension Work in Agriculture and Home Economics  
Colorado Agricultural College and the United States Department of  
Agriculture Cooperating

Distributed in Furtherance of the Acts of Congress of May 8 and June 30, 1914

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## Cover Illustration

Education, entertainment and current events by way of radio enable those living in remote sections of the mountains and plains to enjoy the same cultural advantages as urban residents.



View of the Library



## FOREWORD

This booklet describes one of the most effective means of diffusing farm and home information that the college has, namely, the radio. It also announces the supplementary service of supplying reprints of talks which have been broadcast, to those desiring them.

Our radio talks are usually limited to seven minutes, a short time, to be sure, in which to do justice to any subject but nevertheless ample as a result of the careful preparation given them. Additional information is always gladly furnished by letter if requested.

We believe that all who have not had the opportunity of making a personal visit to a broadcasting station will be interested in the short descriptive statement of Station KOA at Denver, owned by the General Electric Company. It has been our privilege to have the facilities of this station since June of 1926, for our weekly programs.

KOA, incidentally, is one of the best-equipped and most powerful stations in the country (12,500 watts) and is heard in every state in the union as well as in many foreign lands.

We received communications from 33 states, Canada and Alaska regarding a single program broadcast by us not long ago.

You will be interested in the photographs of the station itself, its manager, Mr. Freeman H. Talbot, and Mr. Julian C. Riley, known to radio fans as J. C. R., who introduces our programs each week.

You will also find herein a roster of those faculty members and others who have contributed to these programs. Their discussions cover a large variety of subjects and are based upon authentic information originating from the results of investigations made at our own or other experiment stations and from the United States Department of Agriculture at Washington, D. C., or from other reliable sources.

Our "Willow Grove" programs broadcast on the last Thursday of each month combine entertainment with information and have proved very popular with our listeners. We are indebted to many of our friends for talent contributed to these programs. We endeavor to typify thru these "Willow Grove" programs such activities as you may expect to find in any well-organized rural community and to have them serve as suggested programs for communities that may not yet be so well organized. We also encourage rural clubs thruout the state to make our night their night for



F. A. ANDERSON,  
in charge Extension Service radio programs, before the microphone at KOA.



community meetings and to use this radio feature as a part of their evening's program and entertainment.

All talks that have been given during our weekly programs are available for free distribution. You will find them listed according to date and number of program and also completely indexed according to topics.

We have still another purpose in presenting this bulletin to you and that is to form a more friendly and intimate contact between those who have taken part in our programs and our listeners. We know of no better way of doing this than by showing you pictures of some campus scenes and buildings and photographs of those of the faculty who have addressed you "on the air." These, too, are contained in this publication.

We hope that you are finding these programs helpful. Your comments and criticisms will be appreciated. The extension service of the college was created by federal legislative enactment "To aid in diffusing among the people of the United States useful and practical information on subjects relating to agriculture and home economics, and to encourage the application of the same."

We invite you to utilize the service to the utmost. The entire faculty and experiment station staff of the Colorado Agricultural College, as well as the personnel of the extension service, including county extension agents, are at your disposal for answering inquiries regarding your farm and home problems.

F. A. ANDERSON,  
Assistant to the Director of Extension Service.



The Administration Building from Across the Oval on the Agricultural College Campus

# KOA

## Rocky Mountain Broadcasting Station

### Denver, Colorado

Standing at the half-way point between the Mississippi and the Pacific Coast—half way between Canada and Mexico, KOA has, in a few short years, become a vital factor in the home life of its listeners, especially the rural people in more isolated sections.

KOA brings to its listeners news of the nation's activities, agricultural information, market service, the strains of America's best music and the measures of her dance, the delights of the drama, an opportunity for worship in an unseen church and, best of all, a broadening of their imaginations—a release from mental bondage which bids them look up and live more abundantly.

The broadcasting station, 4 miles east of Denver, stands between its towers which rise to a height of 150 feet and support the antenna across 260 feet of space. Buildings which house the studio and the power equipment are directly connected.

Within the beautifully furnished studio building, the visitor is at once conscious of an atmosphere of quiet charm. Courteous hostesses are ever ready to extend a welcome and to explain the many interesting features of the station.

In the studios on the second floor, different degrees of sound-absorption are provided thru adjustable velour window hangings that insure a correct degree of reverberation. To further augment the sound-proofing, so essential to effective broadcasting, the walls and ceilings of the studios are covered with a layer of felt, cleverly concealed beneath a decorative fabric. Because this fabric is loosely woven, the sound waves are absorbed by the felt beneath and no echo reaches the microphone.

## The Control Room

Between the large studio, 45 feet long and 22 feet in width, and the auxiliary studio, is the control room. Should a speaker or musician move from correct focal distance before the microphone, the operator in the control room flashes a signal to the announcer who silently indicates a change of position for the performer. More important, however, is the adjustment of the amplifying mechanism to the tonal qualities of different voices and instruments.

## The Power House

The power house contains a motor-generator room and a power room proper. Two sets of transmitting equipment have been installed, either of

which can be placed in instant service, at the direction of the control room operator. This provision insures continuous operation.

In the picture of the transmitter room, shown in the center of this booklet, Robert H. Owen, chief engineer, is shown standing at the oscillograph in which he "sees" the sounds of the program. J. A. Slusser, the operator, is seated at the desk.

The antenna of the multiple tuned type, consists of 3 silicon bronze wires, each of 7 strands. Twenty-four-foot spreaders, suspended from 4-foot porcelain insulators, support the antenna. The counterpoise, functioning as a ground connection, is a network of 6 wires hung between the towers and held in place by 15 steel supports.

It is a privilege indeed to have the opportunity of visiting this station and observing this remarkable achievement of science in operation, but more especially is it a privilege for the Colorado Agricultural College to have the facilities of this station for its weekly broadcasts of timely information.



A group of Colorado Extension workers



# Radio Program Personnel

June, 1926, to September, 1929



## FACULTY

ANDERSON, F. A.....	Assistant to Director of Extension
ALLEN, A. C.....	Assistant Livestock Specialist
AVERY, GEORGE T.....	Associate Professor of Psychology and Education
BALL, WALTER S.....	Assistant in Botany
BOURNE, RICHARD F.....	Professor of Physiology
BURDICK, R. T.....	Associate Professor of Economics
COEN, B. F.....	Associate Professor of Sociology
COOKE, HULDAH.....	Assistant Professor of Home Economics
COLLOPY, MARY.....	Home Management Specialist, Extension Service
CROSS, FLOYD.....	Associate Professor of Veterinary Pathology
CURTIS, ALICE B.....	Assistant Professor of English
DURRELL, L. W.....	Professor of Botany
EMSLIE, ALEXANDER.....	Director of Conservatory of Music
EMSLIE, MRS. ALEXANDER.....	Instructor in Piano and History of Music
FAIRBANKS, B. W.....	Associate Professor of Animal Husbandry
FELTS, R. H.....	District Extension Agent
FERGUSON, C. W.....	Specialist in Boys' and Girls' Club Work
FREEMAN, WALTER R.....	Acting Specialist in Club Organization
GILLETTE, C. P.....	Director Colorado Experiment Station
GLOVER, GEO. H.....	Chairman Veterinary Division
*GUNTHER, WM.....	Fieldman, State Dairy Commission
HANSON, HERBERT C.....	Associate Professor of Botany
HAYNES, LOYAL M.....	Captain, Field Artillery, U. S. Army
HUGHES, H. W.....	Director Physical Education and Athletics
HOUSE, E. B.....	Professor of Civil and Irrigation Engineering
HYDE, BLANCHE E.....	Clothing Specialist, Extension Service
JOHNSON, S. ARTHUR.....	Dean of the Faculty
KEZER, ALVIN.....	Chief Agronomist
KIDDER, WALDO.....	Extension Agronomist
KINGHORN, I. G.....	Editor of Publications
*KRUM, OLIN C.....	Extension Poultry Specialist
*LEE, C. A.....	Extension Forester
*LEONARD, WARREN.....	Assistant Extension Agronomist
LIST, GEO. M.....	Associate in Entomology
LOCKE, RUSH B.....	Associate Professor of Animal Husbandry
LOBY, CHAS. A.....	President, Colorado Agricultural College
LUCAS, JOHN P.....	Major, Field Artillery, U. S. Army
LUNGREN, E. A.....	Assistant Plant Pathologist
LUTE, ANNA M.....	State Seed Analyst
MACDONALD, STEWART L.....	Professor of Mathematics and Astronomy
MAYNARD, E. J.....	Associate Professor of Animal Husbandry

\*Resigned.

METZGER, CARL H.....	<i>Extension Horticulturist</i>
*McCANN, ROUD.....	<i>Director Extension Service</i>
*McCANN, L. P.....	<i>Associate Professor Animal Husbandry</i>
*McGINTY, R. A.....	<i>Associate Professor of Horticulture</i>
MONTGOMERY, ALINDA.....	<i>Assistant Professor of English and Literature</i>
MOORHOUSE, L. A.....	<i>Professor of Economics and Sociology</i>
MORENCY, H. L.....	<i>Assistant Professor of Pathology</i>
MORRILL, W. J.....	<i>State Forester and Professor of Forestry</i>
MORTON GEO. E....	<i>Prof. of Animal Husbandry and State Dairy Commissioner</i>
MOST, BERTHA.....	<i>Associate Professor of Home Economics</i>
NEWSOM, I. E.....	<i>Professor of Veterinary Pathology</i>
PARSHALL, RALPH....	<i>U. S. Irrigation Engineer, Irrigation Investigations</i>
RICHMOND, R. G.....	<i>Deputy State Entomologist</i>
ROCHFORD, L. H.....	<i>Extension Livestock Specialist</i>
SACKETT, W. G.....	<i>Bacteriologist</i>
SCHAFER, R. W.....	<i>District Extension Agent</i>
*SHERIDAN, MAUDE.....	<i>State Club and Home Demonstration Agent</i>
*SCOTT, CHAS. A.....	<i>Extension Forester</i>
SMITH, E. D.....	<i>District Extension Agent</i>
SMITH, C. A.....	<i>Extension Dairy Specialist</i>
SJOGREN, JOHN W.....	<i>Associate Agronomist</i>
**STEINEL, ALVIN T.....	<i>Specialist in Rural Development</i>
SUMMERS, T. H.....	<i>Farm Management Demonstrator</i>
TAYLOR, L. M.....	<i>Secretary, State Board of Agriculture</i>
TOLIVER, JOHN O.....	<i>Deputy State Dairy Commissioner</i>
UFFORD, O. C.....	<i>Extension Poultry Specialist</i>
WATTLES, RUTH.....	<i>Associate Professor of English</i>
*WELLS, HOYT M.....	<i>Instructor, Poultry Husbandry</i>
WILLIAMS, MIRIAM J.....	<i>Extension Nutrition Specialist</i>

### COUNTY EXTENSION AGENTS

BASCOM, D. C.....	<i>Extension Agent, Larimer County</i>
BOGER, BERTHA..	<i>Asst. Extension Agent, Mesa, Montrose and Delta Counties</i>
DAVENPORT, EXINE.....	<i>Assistant Extension Agent, Logan County</i>
DROGE, W. F.....	<i>Extension Agent, Otero County</i>
*EDMONDSON, W. O.....	<i>Assistant Extension Agent, Weld County</i>
FOSTER, JAS. A.....	<i>Extension Agent, Washington County</i>
GILBERT, L. C.....	<i>Extension Agent, Lincoln County</i>
*GLENN, FLORENCE....	<i>Asst. Ext. Agt., Alamosa, Rio Grande and Conejos Cos.</i>
GOODMAN, A. A.....	<i>Extension Agent, San Miguel County</i>
GRANDY, MAX C.....	<i>Extension Agent, Alamosa County</i>
HALE, J. C.....	<i>Extension Agent, El Paso County</i>
IRELAND, H. A.....	<i>Extension Agent, Montrose County</i>
JOHNSON, C. A.....	<i>Extension Agent, Moffat County</i>
KIELY, R. E.....	<i>Extension Agent, Conejos County</i>
LAMB, F. R.....	<i>Extension Agent, Prowers County</i>

\*Resigned.

\*\*Deceased.

LAMOREUX, DORIS.....	Assistant Extension Agent, El Paso County
LAUCK, W. H.....	Extension Agent, Mesa County
MILES, PHILIP B.....	Extension Agent, Yuma County
MORRISON, J. E.....	Extension Agent, Logan County
*PLUMB, MARGARET.....	Assistant Extension Agent, Boulder County
RYAN, RAMONA..Asst. Ext. Agt.,	Rio Grande, Alamosa and Conejos Counties
SCHLESSMAN, LOLA.....	Assistant Extension Agent, Larimer County
SHIELDS, JAS. L.....	Extension Agent, Huerfano County
SIMPSON, H. H.....	Extension Agent, Weld County
SMITH, W. B.....	Extension Agent, La Plata County
SMITH, GEO. R.....	Extension Agent, Boulder County
SMITHERS, PAUL L.....	Extension Agent, Fremont County
STEWART, T. G.....	Extension Agent, Rio Grande County
*STOCKER, CHAS. W.....	Extension Agent, Las Animas County
TEDMON, A. H.....	Extension Agent, Arapahoe County
TUCKER, R. H.....	Extension Agent, Delta County
VANCE, ROBERT W.....	Extension Agent, Sedgwick County
VAN WAGENEN, K. D.....	Extension Agent, Pueblo County
*WINBURN, BEULAH.....	Assistant Extension Agent, El Paso County

#### NON-INSTITUTIONAL PARTICIPANTS

ANDERSON, LESLIE.....	Musician, Fort Collins
AYLESWORTH, B. O.....	Colorado Director of Markets, Denver
ARNOLD, FRAZIER.....	Major, Infantry Reserve, Denver
AULD, MATHEW.....	Vocal Soloist, Fort Collins
BALIS, EARL.....	Student, Colorado Agricultural College
BASCOM, MRS. D. C.....	Fort Collins
BASCOM, BETTY.....	4-H Club Member, Larimer County
BIGELOW, IRVIN.....	Musician, Fort Collins
BRAND, GRACE.....	4-H Club Member, Boulder County
BRECKENRIDGE, MARIAN.....	Associate Professor, Merrill-Palmer, Detroit
CAMERON, JERRY.....	Musician, Fort Collins
COOKE, ELMER.....	Vocal Soloist, Fort Collins
DODD, EDNA.....	Pianist, Denver
DODD, KATHLEEN.....	Violinist, Denver
DUGAN, RAY.....	Peyton, Colorado
DUGAN, MRS. RAY.....	Peyton, Colorado
ELSER, W. L.....	Director, Extension Service, State College, New Mexico
FAIRBANKS, MRS. B. W.....	Vocal Soloist, Fort Collins
FELTS, MRS. R. H.....	Fort Collins
FELTS, JOSEPHINE.....	Fort Collins
FERGUSON, MRS. C. W.....	Pianist, Fort Collins
FOGHT, H. W.....	President, University of Wichita, Wichita, Kansas
GLOVER, MRS. GEO. H.....	Fort Collins
HARSHA, JOHN A.....	Private, U. S. Army
HARTMAN, JAMES.....	4-H Club Member, Boulder, County

\*Resigned.



HEPPE, W. F.....	<i>Manager, Colorado Potato Growers' Exchange, Denver</i>
HEPPE, MRS. W. F.....	<i>Denver</i>
HILL, W. S.....	<i>Fort Collins</i>
KIDWELL, TRESSA.....	<i>Vocal Soloist, Fort Collins</i>
KING, BEN H.....	<i>Assistant Director of Markets, Denver</i>
KIRKPATRICK, E. L.....	<i>Professor of Economics and Sociology, U. of Wis.</i>
LANDRUM, T. J.....	<i>Musician, Longmont</i>
LAWERENCE, VERA.....	<i>Dramatic Reader, Fort Collins</i>
LEONARD, CHESTER.....	<i>Student, Colorado Agricultural College</i>
MC CALL, MARGARET.....	<i>Vocal Soloist, Fort Collins</i>
MCCANN, JORDAN.....	<i>Fort Collins</i>
MCCANN, MRS. L. P.....	<i>Fort Collins</i>
MCCANN, BETTY.....	<i>Fort Collins</i>
McKUNE, EMERY....	<i>Supervisor of Inspection, Colo. Div. of Markets, Denver</i>
MILLER, J. L.....	<i>Secretary, Colorado Fairs Association, Rocky Ford</i>
MOORE, FRANK.....	<i>Fort Collins</i>
MORCAN, KEITH.....	<i>Musician, Fort Collins</i>
MORTON, "Dad".....	<i>Musician, Timnath</i>
NASH, DONALD.....	<i>Vocal Soloist, Fort Collins</i>
NIWOT BAND.....	<i>Boulder County</i>
PARSONS, LESLIE.....	<i>Musician, Fort Collins</i>
PECK, A. S.....	<i>District Forester, U. S. Forest Service, Denver</i>
PETERSON, DELMAR.....	<i>Musician, Fort Collins</i>
PLUMMER, JOE.....	<i>Akron</i>
PLUMMER, MRS. JOE.....	<i>Akron</i>
POTT, LOUISE.....	<i>Pianist, Fort Collins</i>
POUNDSTONE, BRUCE.....	<i>Vocal Soloist, Fort Collins</i>
PROSSER, CHARLES A.....	<i>President Dunwoody Institute, Minneapolis</i>
RHEINHARDT, GRACE.....	<i>Musician, Fort Collins</i>
RUSSELL, MABEL.....	<i>Assoc. Prof. Home Economics, Iowa State College</i>
SCHAFER, MRS. R. W.....	<i>Fort Collins</i>
SCHAFER, MARTHA JEAN.....	<i>Fort Collins</i>
SHUREMAN, THANE.....	<i>Vocal Soloist, Fort Collins</i>
SPURGEON, EILEEN.....	<i>Vocal Soloist, Fort Collins</i>
STONE, MORTIMER.....	<i>Fort Collins</i>
THOMAS, D. W.....	<i>Sec. of Agri. Comm., Denver Chamber of Commerce</i>
TOBIN, J. J.....	<i>State Senator, Montrose</i>
UFFORD, JEAN.....	<i>4-H Club Member, Larimer County</i>
VAN WAGENEN, MRS. K. D.....	<i>Accompanist, Pueblo</i>
WARREN, GERTRUDE L.....	<i>Extension Agent in Club Organization, U. S. D. A., Washington, D. C.</i>
WALLACE, J. K.....	<i>Assistant Marketing Specialist, Bureau of Agricultural Economics, U. S. D. A., Washington D. C.</i>
WRIGHT, J. C.....	<i>Director, Federal Board of Vocational Education, Washington, D. C.</i>



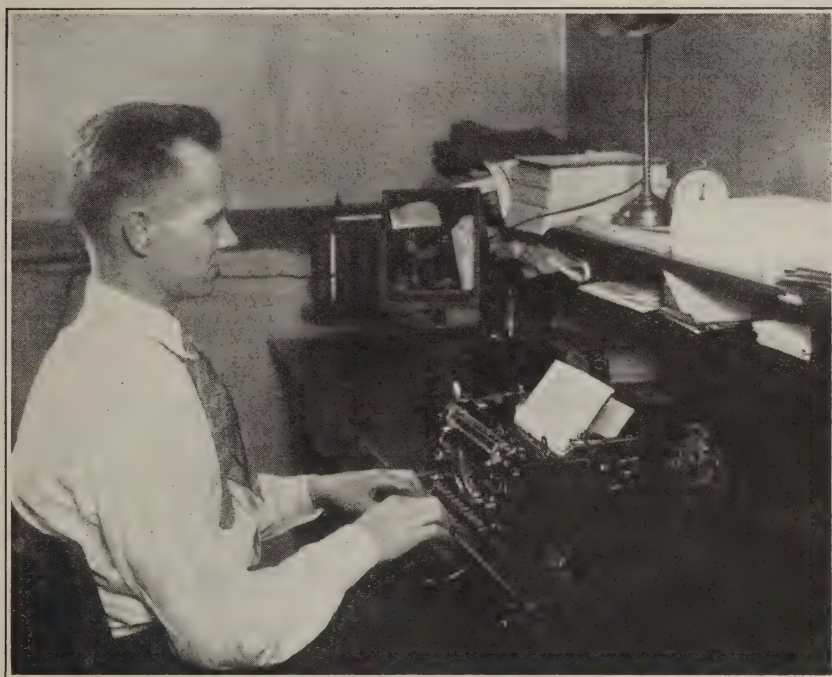
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Receiving market news, for radio broadcasting, at Denver office of Bureau of Agricultural Economics, U. S. D. A.

## Brief Reviews of Radio Talks

June, 1926

Program  
Number

- |  |   |
|--|---|
| <b>Agricultural Extension Work</b> , Roud McCann.....  | 1 |
| Gives background for extension service and illustrations of how it functions.  |   |
| <b>Agriculture's Contribution to Colorado's Semi-Centennial</b> , Alvin T. Steinel .....                               | 2 |
| Interesting sketch of Colorado's History of Agriculture, later written by Mr. Steinel. Vivid pictures of early days.   |   |
| <b>The Economic Value of Birds</b> , S. Arthur Johnson.....  | 3 |
| Discussion of birds which aid the farmer in destruction of insect pests.   |   |
| <b>Bye, Bye, Magpie—Or Poisoning the Robber Birds of the Rocky Mountain Region</b> , C. A. Lee and F. A. Anderson..... | 4 |
| Dialogue giving methods of poisoning magpies.  |   |

July, 1926

- |  |   |
|--|---|
| <b>Field Day—Great Basin Experiment Station</b> , C. A. Lee.....                             | 5 |
| Invitation to third biennial field day at Great Basin Experiment Station near Ephraim, Utah. |   |

	Program Number
<b>How the Farmers and Stockmen Improve Their Breeds, C. P. Gillette</b>	6
Informal discussion of laws of heredity. Variation and selection in relation to animal and plant breeding. Summary of other general laws or principles that breeders of plants or animals should know.	
<b>Poultry Improvement, Olin Krum</b>	7
Methods of improving the poultry flock.	
<b>Planning Summer Meals, Miriam J. Williams</b>	8
Suitable for club program. Gives reasons for change of diet in hot weather.	

### August, 1926

<b>Radio Programs for Advancing Interest of Agriculture, C. A. Lee</b>	9
Deals with early history of radio in extension service and its importance in advancing agricultural information.	
<b>The Benefits of Increasing Percentage of Calves Dropped Upon the Range—An Argument, B. W. Fairbanks</b>	10
Sound reasoning covering the increased profits to be gained from increased percentage of calves dropped on any one ranch.	
<b>The Children's Party, Miriam Williams, Doris Lamoreux and Lola Schlessman</b>	11
Deals with healthful refreshments and games for the children's party. Includes a brief discussion of suitable clothes for the children to wear to the party.	
<b>Selection of Seed Corn, Waldo Kidder and C. A. Lee</b>	12
Practical talk on selection of seed corn, pointing out possibilities of increased yields.	

### September, 1926

<b>Farmer-Banker Teamwork, R. H. Felts</b>	13
Interesting discussion of cooperation between farmers and bankers in Colorado. Also includes program of work adopted at 1924 meeting of Farmer-Banker conference held at Fort Collins, Colorado.	
<b>The Economic Value of Agricultural Extension Work, E. D. Smith</b>	14
Gives specific instances of results of extension work measured in dollars and cents.	
<b>Fattening of Beef Cattle, B. W. Fairbanks and C. A. Lee</b>	15
Arguments for correct feeding of younger animals to lower the cost of gain. Also discusses future feeding and use of silage and grains.	

### October, 1926

<b>Yellow Pine on Colorado Farms, C. A. Lee</b>	16
Advantages of yellow pine for extremely dry location; how to plant the trees.	
<b>Cost of Feeding Sheep, T. H. Summers and L. A. Moorhouse</b>	17
Dialogue: Discussion of overhead costs, feeds, equipment, death losses and record keeping.	
<b>How Should Farm Women Organize? Maude Sheridan</b>	18
Straight-forward talk outlining reasons why women choose to work in organized groups and how these groups can function to the best advantage.	

November, 1926

Program  
Number

- The Scope of Extension Work**, Roud McCann..... 19  
Interesting discussion of the great partnership which now exists between the American farm family and the representatives of the United States Department of Agriculture.
- Work and Play for Children**, Beulah Winburn..... 20  
Encourages the spirit of play.
- The Need of Recreation**, Maude Sheridan..... 21  
Deals with parent-teacher problems and mental health problems of psychopathic nature.
- When Is Milk Expensive?** Miriam Williams and Wm. Gunther..... 22  
"It's not the price that you can afford to pay for milk, but can you afford to pay the price of being without enough of it?" Dialogue between nutrition specialist and dairy fieldman, giving definite reasons why milk should be consumed by persons in good health as well as by those below par.
- Christmas Goody Boxes**, Beulah Winburn..... 23  
Packing Christmas boxes and recipes for holiday cookies.

December, 1926

- The Colorado Plan for Poultry Improvement**, E. D. Smith..... 24  
Outline of plan of Colorado's Egg-Laying Contest which plan, if adopted by flock owners, would give them the present annual production of 17 million dozen eggs from one-half the number of hens now kept upon the farms.
- How My Pig Helped Me Thru College**, C. W. Ferguson..... 24  
A true story of a Colorado farm boy's achievement in 4-H Club work.
- The Farmers' Library**, I. G. Kinghorn and C. A. Lee..... 25  
How the college bulletin service can help the farmer.
- Use a Tree at Christmas**, C. A. Lee..... 25  
A statement showing that cutting of evergreens for Christmas is legitimate when done under supervision of government forester.
- Christmas Dinners**, Miriam J. Williams..... 26  
Suggestions for table service, menus and table decorations, for the Christmas dinner.
- Christmas Eve at Home**, Maude Sheridan..... 27  
Thoughts concerning our relations with the world about us.

January, 1927

- New Year's Forestry Message**, C. A. Lee..... 28  
A conception of the wealth of Colorado forests.
- Growing Trees in Colorado**, C. A. Lee and Waldo Kidder..... 28  
What trees would mean to Colorado and how to have them.
- Whole-Wheat Bread—A Paying Proposition**, Miriam J. Williams.... 29  
The facts regarding the food value of whole-wheat bread as compared with white bread and recipe for whole-wheat, yeast bread.
- Menus and Recipes for Winter Occasions**, Miriam J. Williams, (Radio Sparks I)..... 30  
Suggested menus for combining healthful foods and hints on attractive serving, simply done by members of the family.





The Conservatory of Music frequently provides music for our programs. Left to right: Leslie Anderson, Saxaphonist; Raymond Froid, Saxaphonist; Bruce Poundstone, Baritone Soloist; Burl Cowden, Pianist; Alexander Emslie, Director, Conservatory of Music; Tressa Kidwell, Soprano Soloist; Louise Potts, Pianist; Mrs. Alexander Emslie, Accompanist; Donald Nash, Bass Soloist.

Program  
Number

<b>Forestry, C. A. Lee.....</b>	<b>30</b>
Forestry outlook in Colorado.	
<b>Winter Tonics From Your Own Cellar, Miriam J. Williams.....</b>	<b>31</b>
Popular talk suitable for a club paper. Deals with value of fruits and vegetables as tonics to be used in preference to sugar-coated pills.	
<b>Denver Fifty-Niners Who Farmed, C. A. Lee.....</b>	<b>31</b>
Sketch of pioneers and how they became interested in agriculture.	
<b>Let's Demand Better Beef, Beulah Winburn.....</b>	<b>32</b>
Gives the distinction between "cheap cuts" and "low-priced cuts." Also includes recipe for pot roast with prunes.	
<b>February, 1927</b>	
<b>Farming By the Fireside, E. D. Smith.....</b>	<b>33</b>
Urges that every farmer outline his year's plans before the actual crop work begins.	
<b>Best Varieties of Small Grains for the Mountain States, Waldo Kidder and Roud McCann.....</b>	<b>34</b>
Interesting discussion of experiments conducted in high altitudes. The standard varieties best adapted are given.	

<b>Better Cows and Better Methods</b> , W. H. Gunther and C. A. Lee.....	35
Dialogue: How the dairy game can be put on a paying basis.	
<b>Results of 4-H Club Work</b> , C. W. Ferguson.....	35
Outlines the results obtained in 4-H sugar-beet clubs in Crowley County in 1926.	
<b>Progress of Colorado's Agriculture</b> , R. H. Felts and R. W. Schafer....	36
Early history and progress of farming in Colorado.	
<b>Agriculture in Northwestern Colorado</b> , R. H. Felts and R. W. Schafer	36
Facts concerning the farming possibilities of the "Inland Empire"—Moffat, Routt, Rio Blanco and Garfield Counties.	

### March, 1927

<b>Trees as a Cash Crop</b> , C. A. Lee.....	37
Points out possibilities for making the wood and timber grown on the farm help to finance it. "Woodlands can be developed on lands unfit for any other use."	
<b>The Housewife at the Meat Market</b> , Beulah Winburn.....	37
Pointers on buying beef at the market; how to identify quality meat even in low-priced cuts.	
<b>The Farmer's Part</b> , Miriam J. Williams.....	38
Dialogue: Nutrition specialist interests the farmer in cooperating with his wife in planning meals which will insure the family's health.	
<b>How to Buy Baby Chicks</b> , O. C. Ufford.....	38
Deals with questions regarding hatching chicks at home, buying baby chicks and precautions in purchasing.	
<b>Control of Smut in Small Grains</b> , Waldo Kidder and E. A. Lungren..	39
Discussion of most inexpensive and effective methods of control of smut.	
<b>The Improved Venturi Flume</b> , Ralph L. Parshall.....	39
Advantages of the improved Venturi flume as a measuring device for water.	
<b>Dodging the Scalping Knife</b> , C. A. Lee and Alvin Steinell.....	40
Dialogue: A sketch depicting a historically accurate incident between an early settler in Colorado and an Indian.	
<b>Farmers' Institutes in the Eighties</b> , Alvin T. Steinell and C. A. Lee....	40
Early history of farmers' institutes in Colorado, including extracts from such a meeting held in Longmont in 1883.	

### April, 1927

<b>Cow-Testing Associations</b> , W. H. Gunther.....	41
Answers three questions: What is a cow-testing association; what does the tester do; and, what benefits can be obtained by joining.	
<b>Selection and Testing of Seed Corn</b> , Waldo Kidder and W. H. Gunther .....	41
Dialogue: Discussion of varieties; how and when to select the seed.	
<b>Greater Profits From Sugar Beets</b> , F. A. Anderson.....	42
Interesting talk on value of proper cultural methods in increasing sugar beet yields.	

<b>Training for Rural Life, E. D. Smith.....</b>	<b>42</b>
Deals with problem: How to interest the young people of the country in rural life on the farmstead.	
<b>Beef Cattle, B. W. Fairbanks.....</b>	<b>43</b>
How the surplus hay can be capitalized thru the medium of feeder cattle.	
<b>Do You Know Beans? Beulah Winburn.....</b>	<b>44</b>
The Pinto bean, its food value and its rightful claim to a place in the menus of Americans.	
<b>Uncle Sam's Tree-Planting Problem, A. S. Peck.....</b>	<b>44</b>
Deals with necessity for more tree-planting on marginal and sub-marginal farm lands. Tree planting will go ahead only as rapidly as the States supply trees.	
<b>The Critical Period of Applying Irrigation Water to Wheat, C. A. Lee</b>	<b>45</b>
Concrete suggestions concerning the effect of application of water to the field at different growing periods.	

### May, 1927

<b>Five Factors in Fortunate Farm Life, E. D. Smith.....</b>	<b>46</b>
Diversification, economic production, satisfactory markets, community solidarity and contentment are all dealt with in this talk based upon a visit to a community in which there is <i>not</i> one mortgaged farm.	
<b>Resolved That a Man's Stomach Should Be His Guide, C. A. Lee and Miriam J. Williams.....</b>	<b>47</b>
Dialogue, bringing forth the argument that dislike for certain foods is based upon mental attitude. Effect of unhappy frame of mind on digestion.	
<b>A Farm News Digest, C. A. Lee.....</b>	<b>48</b>
Brief discussions on World's Poultry Congress, the 1927 cotton situation, Mississippi flood control and value of the farm woodlot.	
<b>The Growth of Colorado's Agriculture, Roud McCann.....</b>	<b>48</b>
Traces the increased production and output of Colorado's farms.	
<b>The Functions of Agricultural Extension Work, F. A. Anderson.....</b>	<b>49</b>
A review of the agricultural program initiated and developed by the United States Department of Agriculture.	
<b>Forestry and Parasites, C. A. Lee and F. A. Anderson.....</b>	<b>49</b>
What tree can be grown on plains which will remain green thru the winter? Western yellow pine experiments. Also includes discussion of sheep ticks.	

### June, 1927

<b>Table Etiquette In Everyday Dress, Miriam J. Williams.....</b>	<b>50</b>
Pointers for correct table service for busy farm women. Suggestions for menus.	
<b>The Functions of Agricultural Extension Work (II), F. A. Anderson..</b>	<b>50</b>
Discussion of the meaning of extension service, its function and its desire to serve the people.	

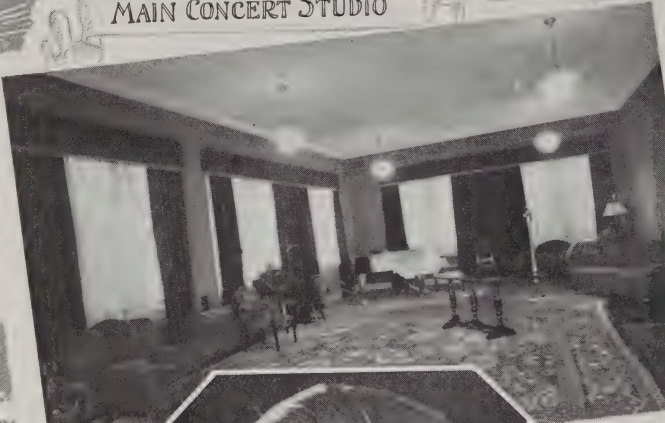




First row, left to right: L. A. Moorhouse, F. A. Anderson, Chas. A. Lory, S. Arthur Johnson, W. J. Morrill. Second row, left to right: Walter S. Ball, W. G. Sackett, L. M. Taylor, Floyd Cross, I. E. Newsom. Third row, left to right: Alvin Kezer, C. H. Metzger, E. A. Lungren, George H. Glover, Richard F. Bourne. Fourth row, left to right: Loyal M. Haynes, L. H. Rochford, A. C. Allen, Ralph Parshall, John P. Lucas. Fifth row, left to right: George T. Avery and S. L. Macdonald. Sixth row, left to right: C. P. Gillette, Rush B. Locke, Blanche E. Hyde, R. G. Richmond, I. G. Kinghorn.

RADIO

MAIN CONCERT STUDIO



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FREEMAN H. TALBOT  
MANAGER OF KOA



8

VIEW OF TRANSMITTER

KOA



7

VIEW OF CONTROL ROOM

K  
RADIO STA



STATION

TRANSMITTER ROOM



JULIAN C. RILEY  
KOA ANNOUNCER



- W. L. MORRISSEY AT PANEL



GENERATOR ROOM

DENVER





*First row, left to right:* R. T. Burdick, T. H. Summers, B. W. Fairbanks, Waldo Kidder, R. H. Felts. *Second row, left to right:* John O. Toliver, L. W. Durrell, Mary Collopy, Geo. M. List, Anna M. Lute. *Third row, left to right:* H. W. Hughes, H. L. Morency, Alice B. Curtis, W. R. Freeman, C. W. Ferguson. *Fourth row, left to right:* Bertha M. Most, Ruth J. Wattles, O. C. Ufford, John W. Sjogren, C. A. Smith. *Fifth row, left to right:* Herbert C. Hanson, B. F. Coen, Huldah Cooke, Miriam J. Williams, R. W. Schafer. *Sixth row, left to right:* Alinda Montgomery, George E. Morton, E. D. Smith, E. J. Maynard, E. B. House.

**The Functions of Agricultural Extension Work (III), F. A. Anderson.. 51**

Deals with the workings of the experiment stations of the United States Department of Agriculture. Results of experiments at Akron.

**The Functions of Agricultural Extension Work (IV), F. A. Anderson.. 52**

Deals with the work of the Bureau of Agricultural Economics. Outlines the market news service and shows the relation which exists between the Denver office and the extension service of the Colorado Agricultural College.

**High-altitude Agriculture, Roud McCann and F. A. Anderson..... 52**

Discussion of possibilities of high-altitude farming in Colorado head-lettuce crops and livestock feeding.

**Functions of Agricultural Extension Work (V), F. A. Anderson..... 53**

Forestry in its relation to range management and woodlots.

**July, 1927**

**The Functions of Agricultural Extension Work (VI), F. A. Anderson.. 54**

Interesting talk replete with striking illustrations on the value of national organization in times of emergencies such as Mississippi flood, invasion of European corn borer and Rocky Mountain locust. Science equipped and organized to help the farmer.

**Letters as Angels and Mirrors of our Better Nature, L. M. Taylor.... 55**

A stimulating discussion of the power of a well-written letter and the demand of the business world for the one who can "think clearly on paper."

**The Functions of Agricultural Extension Work (VII), F. A. Anderson 55**

Shows how climatic conditions affect agriculture. Functions of the Weather Bureau.

**The Functions of Agricultural Extension Work (VIII), F. A. Anderson 56**

Reviews briefly the functions of the different bureaus in the United States Department of Agriculture with special emphasis upon the work in livestock industry. How extension service of Colorado Agricultural College meets the needs of the livestock man.

**Community Consciousness, E. D. Smith..... 56**

An interesting discussion of the benefits to be derived from an active community consciousness. Examples are drawn from rural districts of Colorado.

**The Functions of Agricultural Extension Work (IX), F. A. Anderson.. 57**

Outline of the program of extension service for development of the dairy industry. Also includes explanation of cow-testing and herd-improvement work.

**Women's Work at the Fairs, Lola F. Schlessman..... 57**

How to make an exhibit and how to display it.

**The Educational Value of the County Fair, Alvin T. Steinel..... 58**

What changes are taking place in fairs to emphasize the educational side. Includes humorous accounts of fairs in the "good old days."

**The Functions of Agricultural Extension Work (X), F. A. Anderson.. 58**

Deals with relation of extension service to women and children. Typical programs for women's work and 4-H club work.



The R. O. T. C. (Military) Band, Colorado Agricultural College, is heard occasionally over KOA

### August, 1927

Program  
Number

- What I Learned From French Housewives**, Bertha Boger and C. A. Lee ..... 59  
Experiences of a champion 4-H club girl in learning homemaking methods in rural France.
- The Functions of Agricultural Extension Work (XI)**, F. A. Anderson.. 59  
How extension service co-operates with United States Biological Survey in extermination of rodents.
- Smut Control in Winter Wheat**, Waldo Kidder..... 60  
How to mix copper carbonate in treatment of wheat affected by smut.
- The Functions of Agricultural Extension Work (XII)**, F. A. Anderson 60  
Deals with the scope of work carried on by the Bureau of Public Roads.

### September, 1927

- A Father and Son Talk**, Roud McCann and Jordan McCann..... 61  
Answers a child's questions concerning club work.
- 4-H Club Work—Father and Daughter**, D. C. Bascom, Betty Bascom, and C. A. Lee..... 62  
Betty tells what her sewing club work has meant to her.

### October, 1927

- The Humble Hen**, E. D. Smith and C. A. Lee..... 63  
The scope of the poultry industry also includes advance announcement of the "Better Poultry Special."
- Raising Poultry**, O. C. Ufford and Jean Ufford..... 64  
Questions and answers concerning 4-H poultry club work.



<b>American and French Cookery, Miriam J. Williams and Mrs. B. W. Fairbanks</b> .....	65
Suitable for club program. Gives differences between French and American cookery.	
<b>Extension Work for Women, Maude Sheridan</b> .....	65
Explanation of the package-demonstration service used in home demonstration work.	

November, 1927

<b>Small Jobs on the Farm in Fall, C. W. Ferguson</b> .....	66
Discusses care of machinery, repair of harness and fire prevention.	
<b>Better School Lunches, Miriam J. Williams</b> .....	67
Deals with the need for well-planned school lunches, whether hot or cold.	
<b>Thanksgiving, Doris Lamoreux</b> .....	68
Suggestions for planning and serving the Thanksgiving dinner. Includes recipe for Mulled Cider.	
<b>Thanksgiving for Women, Lola F. Schlessman</b> .....	69
Inspirational talk to farm women, encouraging them to expand their club membership to include the "little woman who really needs others." Includes unusual recipes for Thanksgiving dinner.	
<b>Good Things for Christmas Gifts, Miriam J. Williams</b> .....	69
Recommends the use of home-grown products and home-preserved foods as Christmas gifts.	

December, 1927

<b>Important Agricultural Practices in the Plains Region, H. H. Simpson and R. H. Felts</b> .....	70
Discusses crop rotation, summer fallowing, listing to prevent blowing of soil and the use of duckfoot cultivator.	
<b>Where the Farmer Can Buy Good Seed, Warren Leonard</b> .....	71
Explanation of Colorado's plan for selling registered seed. Shows that production costs for poor crops are as high as those for a crop of registered seed.	
<b>Winter Dairy Problems, C. A. Smith and Warren Leonard</b> .....	71
Answers to practical questions submitted by Colorado farmers.	
<b>Add Color, It Makes Your Menu, Lola Schlessman</b> .....	72
Splendid suggestions for the addition of color to the holiday menus. Unusual recipes for holiday time.	
<b>The Use of Color During the Christmas Season, Doris Lamoreux</b> ....	72
Suggestions for use of greens at hand. Also describes a Christmas tree which can be "made."	
<b>The Sign of the Star, E. D. Smith</b> .....	73
Inspirational talk appropriate to Christmas season. Musical program—Conservatory of Music	
<b>Conservation of the People's Playground, S. Arthur Johnson</b> .....	74
A warning to the people to protect the great out-of-doors from commercialization of sport, resulting in hunting and fishing for the rich only.	

**A Preview of Extension Work in Colorado, Chas. A. Lory..... 74**

A clear outline of the purposes of extension service and the many channels thru which it now operates.

**January, 1928****Willow Grove Feature, "When the Chores Are Done," Geo. H. Glover, E. D. Smith, Mary Collopy, Mr. and Mrs. C. W. Ferguson.... 75**

Playlet picturing a typical Colorado farm home in which the county agent drops in for supper. Valuable information on community organization comes out in the course of the diversified conversation which takes place; 4-H club work and women's extension work are also mentioned. Time 30 minutes. Suitable for farm-organization program.

**Colorado's Code of Agriculture..... 76**

J. C. Hale, T. G. Stewart, W. F. Droge, C. A. Johnson, A. H. Tedmon, W. H. Lauck, F. R. Lamb, Rodney Tucker, H. H. Simpson, J. E. Morrison, Geo. R. Smith, K. D. Van Wagenen, J. L. Shields, L. H. Rochford, Earl Kiely, Paul Smithers, L. C. Gilbert, H. A. Ireland, J. C. Foster, A. A. Goodman, Lola Schlessman, Margaret Plumb, Bertha Boger, Robert Vance, Exine Davenport, Doris Lamoreux, D. C. Bascom, Florence Glenn, Chas. Stocker.

This unique feature program established a radio record in that 36 persons appeared before the microphone in 13 minutes, each contributing his portion of the continued story of Colorado's Code of Agriculture as related to his or her particular county.

**The Neglected Crop, A. C. Allen, Mary Collopy, Waldo Kidder and R. H. Felts..... 76**

One-act play dealing with neglected social life in rural communities. Father has a "change of heart" and happy adjustments are made. This has unfailing appeal to parents.

**Plans for Home Beautification, Carl H. Metzger..... 77**

Deals with correct planting of shrubs and principles of arrangement to give the best effect.

**Our Microscopic Friends, I. E. Newsom..... 77**

An entertaining and informative discussion of microbes which are a benefit to mankind.

**Willow Grove Holds a Community Meeting, F. A. Anderson, E. D. Smith, T. J. Landrum, Geo. R. Smith, C. W. Ferguson, Mrs. C. W. Ferguson, Mary Collopy..... 78**

Typical rural people meet in their school house for discussion of farming problems. Dr. Glover of Colorado Agricultural College talks on "Hog Cholera" and "Dad" Morton "fiddles" old-time tunes.

**February, 1928****Increasing Crop Yields with Sweet Clover, Waldo Kidder..... 79**

How sweet clover can be utilized in crop rotation to maintain soil fertility and increased production.

- Insect Control**, C. P. Gillette..... 79  
 Interesting talk giving definite suggestions for control of more common insects infesting Colorado's crops.
- Plant Materials for Home Grounds**, Carl H. Metzger..... 80  
 Instruction on the number and kind of plants suitable for simple plan of landscaping.
- Vegetables for Vigor, Vitality and Vitamins**, R. A. McGinty..... 80  
 Witty discourse on health-producing properties of garden vegetables and some direct statements concerning lack of interest in gardening.
- The Family Medicine Chest**, Huldah Cooke..... 81  
 What we should and should not keep in our family medicine chest.
- What Price Clothing (I)**, Blanche E. Hyde..... 81  
 Concerning weaves, with special emphasis on cotton.
- Old-fashioned Husking Bee**..... 82  
 Mr. and Mrs. Geo. H. Glover, F. A. Anderson, Mary Collopy, Mr. and Mrs. R. W. Schafer and Martha Schafer, Mr. and Mrs. Felts, Josephine Felts, Mr. and Mrs. Heppe, Ben King, Mr. and Mrs. L. P. McCann, Betty McCann, Jordan McCann, "Dad" Morton.
- Stunt Program—old-fashioned jollification with jokes, jibes, barn dance and cider.



An old-fashioned husking bee was presented as one of our "Willow Grove" features over KOA



	Program Number
<b>March, 1928</b>	
<b>Botulism Poisoning in Canned Foods, W. G. Sackett.....</b>	83
A comprehensive outline of the causes, the source and the preventive measures to be used in connection with botulism poisoning in canned foods.	
<b>The Purpose of the Reserve Officers Training Corps, John P. Lucas..</b>	83
Discussion of the needs for national defense and the plan of the Land Grant Colleges for training boys to meet this need.	
<b>What Price Clothing (II), Blanche E. Hyde.....</b>	84
A splendid talk dealing with the manufacturing processes of wool and the considerations one should have in mind when purchasing wool garments.	
<b>Early Grazing Ruins Ranges, Herbert C. Hanson.....</b>	84
Deals with the dangers of premature pasturing before the grass has reached the proper growth.	
<b>The Influence of the Extension Service of the United States Department of Agriculture in Agricultural Progress, R. H. Felts and R. W. Schafer.....</b>	85
An interesting discussion of the early history of the development of extension work; Smith-Lever Law explained and the plan of the extension program of work.	
<b>Tree Planting in the Great Plains, W. J. Morrill.....</b>	86
Common sense appeal to the people to celebrate forest week by planting trees adapted to the plains region.	
<b>Insect Control, C. P. Gillette.....</b>	86
Control of insect pests which destroy vines and shrubs about the home.	
<b>Irrigated Pastures, Geo. E. Morton.....</b>	86
This contains the formula for the college mixture of pasture grass which is proving successful in Colorado. This formula has a carrying capacity comparable to the alfalfa yield on a given locality.	
<b>Willow Grove Feature—Children's Night in Willow Grove, F. A. Anderson, Mr. and Mrs. C. W. Ferguson, Mary Collopy, Jordan McCann, Betty Bascom.....</b>	87
Two children of Willow Grove appear before the community club to tell the story of their success in 4-H club work. The National 4-H club motto is included in this program.	
<b>April, 1928</b>	
<b>What Colorado Is Doing to Educate Its Youth, Chas. A. Lory.....</b>	88
This talk deals with the development of the consolidated rural school in Colorado and its relationships to the agriculture of the community.	
<b>Our Common Heritage, S. Arthur Johnson.....</b>	88
An appeal to the public to safeguard the great outdoors from commercialization.	
<b>Bees and Honey (I), R. G. Richmond.....</b>	89
An interesting and instructive paper giving information on the scope of the honey industry and some interesting facts concerning the work which the different bees perform.	



A "Willow Grove" Community Extension Program

	Program Number
<b>Some Interesting Species of Fur-Bearing Animals Native to Colorado,</b> H. L. Morency .....	89
A discussion of the characteristics and habits of well-known fur-bearing animals in Colorado.	
<b>Marketing Series (I),</b> B. O. Aylesworth, Ben King, E. D. Smith, R. T. Burdick .....	90
Extension service representatives discuss with Colorado's director of markets some pertinent questions on supply and demand.	
<b>Hatching and Brooding Baby Chicks,</b> O. C. Ufford .....	91
A practical talk in which the poultry specialist outlines the common troubles in chick raising and suggests remedies for each. A number of questions received from poultrymen on other phases of the industry are answered in this discussion.	
<b>Everyday Food Habits for the Everyday Child,</b> Miriam J. Williams ...	91
The nutrition specialist points out that additional factors enter into the well-being of a child other than the problem of normal weight. Suitable for nutrition study in rural clubs.	

May, 1928		Program Number
<b>Marketing Series (II),</b> F. A. Anderson, E. D. Smith, T. H. Summers, B. O. Aylesworth, Ben King.....		92
Round table discussion of the standardization, grading, assembling, processing, financing and distribution of farm products.		
<b>What Price Clothing (III),</b> Blanche E. Hyde.....		93
In this third talk in a series "What Price Clothing," Mrs. Hyde traces the history of silk making and gives some very valuable suggestions as a guide to the intelligent purchase of silk.		
<b>Transplanting Vegetable Plants to the Garden,</b> R. A. McGinty.....		93
What plants to move, when to move them, and how to replant. This discussion gives special information in proper handling after transplanting.		
<b>Bees and Honey (II),</b> R. G. Richmond.....		93
How the bee keeper may avoid losses thru control of the swarming feature.		
<b>Willow Grove Feature and the Niwot Band,</b> Blanche E. Hyde and Margaret Plumb.....		94
Featuring a typical woman's meeting in which dress-making problems are discussed with special emphasis on fitting. The Niwot Community Band furnishes entertainment for the ladies.		
<b>Marketing Series (III),</b> Emery F. McKune, D. W. Thomas, L. A. Moorhouse .....		95
A three-cornered discussion relative to the standardization, grading, inspection, branding and labeling of marketable commodities.		
June, 1928		
<b>What Price Clothing (IV),</b> Blanche E. Hyde.....		96
A brief but interesting history of the development of rayon, its characteristics and its importance as a dress material.		
<b>Results of Cattle-feeding Experiments,</b> E. J. Maynard.....		96
A short dialogue bringing out comparative values of different feeds used in the cattle-feeding experiments conducted at the Colorado Agricultural College.		
<b>Physical Fitness of Boys and Girls,</b> Miriam J. Williams.....		96
An inspirational talk in which the nutrition specialist appeals to parents to establish for their children sensible health habits early in life, in order to build up a race which is fit.		
<b>Talent vs. Energy,</b> W. H. Hughes.....		97
Coach Hughes outlines the plan for improving the physical fitness of college boys.		
<b>Supplementary Forage Crops,</b> Waldo Kidder.....		97
Concrete information concerning forage crops which can be used as substitutes for alfalfa, until the present emergency passes.		
<b>Poultry Management,</b> O. C. Ufford.....		97
A discussion of the management of pullets thru their growing season.		
<b>Irrigation of Small Grains,</b> Waldo Kidder.....		98
A brief discussion on the methods of irrigation of small grain and the time best suited to irrigation of crops.		



<b>Colorado's Code of Agriculture, Roud McCann.....</b>	<b>98</b>
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Colorado's long-time program of work designed to meet the agricultural needs of the state.

<b>Bees and Honey (III), R. G. Richmond.....</b>	<b>99</b>
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A timely talk on summer care of bees with special reference to the addition of supers. Suggestions on how to prepare for a good honey crop the following year.

<b>Insect Control, Geo. List.....</b>	<b>99</b>
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Helpful information on the control of the rose beetle and the Mexican bean-beetle.

<b>The Biology of Game Conservation, S. Arthur Johnson.....</b>	<b>99</b>
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Deals with the need for game commissions which can intelligently perfect and propagate natural resources for the benefit of future generations.

<b>Willow Grove Plans Its Community Fair, F. A. Anderson, Mr. and Mrs. D. C. Bascom, E. D. Smith, A. H. Tedmon, Waldo Kidder, Mary Collopy, A. C. Allen.....</b>	<b>100</b>
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Residents of Willow Grove Community discuss the problems which confront them in planning the first community fair. The suggestions contained in this could be adopted by inexperienced communities with profit. Time 30 minutes.

### July, 1928

<b>Fair Exhibits, Blanche E. Hyde.....</b>	<b>101</b>
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Valuable information for anyone desirous of learning how to improve the women's exhibits at fairs. Gives definite points which the judge considers in placing ribbons.

<b>Culling the Flock, O. C. Ufford.....</b>	<b>101</b>
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When and how to cull the flock.

<b>Preparing Crop Exhibits for Fairs, Waldo Kidder.....</b>	<b>101</b>
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Why every farmer should exhibit his crops and what he should choose for his display.

<b>The Origin and Prevention of Typhoid, W. G. Sackett.....</b>	<b>102</b>
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A very interesting talk calling attention to need for vaccination for typhoid as a means of prevention. Gives many sources of typhoid fever and suggestions for avoiding these while on vacation.

<b>Out-of-door Suppers, Miriam J. Williams.....</b>	<b>103</b>
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Plans for impromptu suppers which are easily digested and prepared with little effort.

<b>Educational Value of Agricultural Exhibits, E. D. Smith.....</b>	<b>103</b>
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Brief outline of the logic of learning by methods of comparison used in fairs.

### August, 1928

<b>The Preparation and Use of Vaccines, W. G. Sackett.....</b>	<b>104</b>
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Vital importance of vaccination and how various vaccines are prepared.

<b>Sportsmanship, S. Arthur Johnson.....</b>	<b>105</b>
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Appeal for less selfishness and more sportsmanship among fishermen.

<b>The Honey Bee Hunter, R. G. Richmond.....</b>	<b>105</b>
Practical pointers on handling of honey before and after it has been removed from the hive.	
<b>Can Turkeys Be Raised, I. E. Newsom.....</b>	<b>106</b>
Accurate information concerning common diseases of turkeys. Also contains suggestions for raising turkeys under Colorado conditions.	
<b>Care of Seed for Fall Seeding, Alvin Kezer.....</b>	<b>106</b>
Concerns the selection of seed, its cleaning and treatment and time of planting.	
<b>Insects as Carriers of Plant Diseases, C. P. Gillette.....</b>	<b>107</b>
How insects carry disease from plants to animals and man.	
<b>Colorado County Fairs, J. L. Miller.....</b>	<b>107</b>
Appeal to Colorado rural people to give more generous support to fairs.	
<b>Willow Grove Community Meeting.....</b>	<b>108</b>
Chas. A. Lory, F. A. Anderson, J. C. Hale, Mr. and Mrs. K. D. Van Wagenen, Mary Collopy, Alexander Emslie, W. S. Hill, Mr. and Mrs. Ray Dugan, Mr. and Mrs. Joe Plummer, R. H. Felts, Waldo Kidder.	
A harvest festival.	

### September, 1928

<b>What School Opening Means to the Home, Mary Collopy.....</b>	<b>109</b>
Practical suggestions for avoiding confusion in "getting the children off to school."	
<b>Filling the Silo, C. A. Smith.....</b>	<b>109</b>
How silage is made and its value as a feed.	
<b>The Livestock Situation in Colorado, Geo. E. Morton.....</b>	<b>109</b>
Discussion of Colorado's three livestock districts in relation to the present status of the industry. Importance of dairying and feeding in balanced farming.	
<b>Looking Ahead in Farming, T. H. Summers.....</b>	<b>110</b>
Gives specific examples of farm records kept by Colorado farmers, showing how these aided them in correcting mistakes of one year in planning for next year.	
<b>Trees, Chas. A. Scott.....</b>	<b>110</b>
Information concerning Colorado's better known ornamental trees.	
<b>Filling the Silo (II), C. A. Smith.....</b>	<b>110</b>
Advantages of a trench silo; instructions for making and filling it.	
<b>Agriculture in Rural Schools, E. D. Smith.....</b>	<b>111</b>
The joys to be gained from study of agriculture in rural schools.	
<b>Vinegar Making, W. G. Sackett.....</b>	<b>111</b>
A clear outline of the process of making cider vinegar and reasons for failure.	

<b>Willow Grove Meeting, F. A. Anderson, W. S. Hill, E. D. Smith, Mary Collopy, and John Toliver.....</b>	<b>112</b>
Typical farm meeting in which the Willow Grove folks exchange stories on the new methods they have tried out, under the direction of the county agent, during the year.	

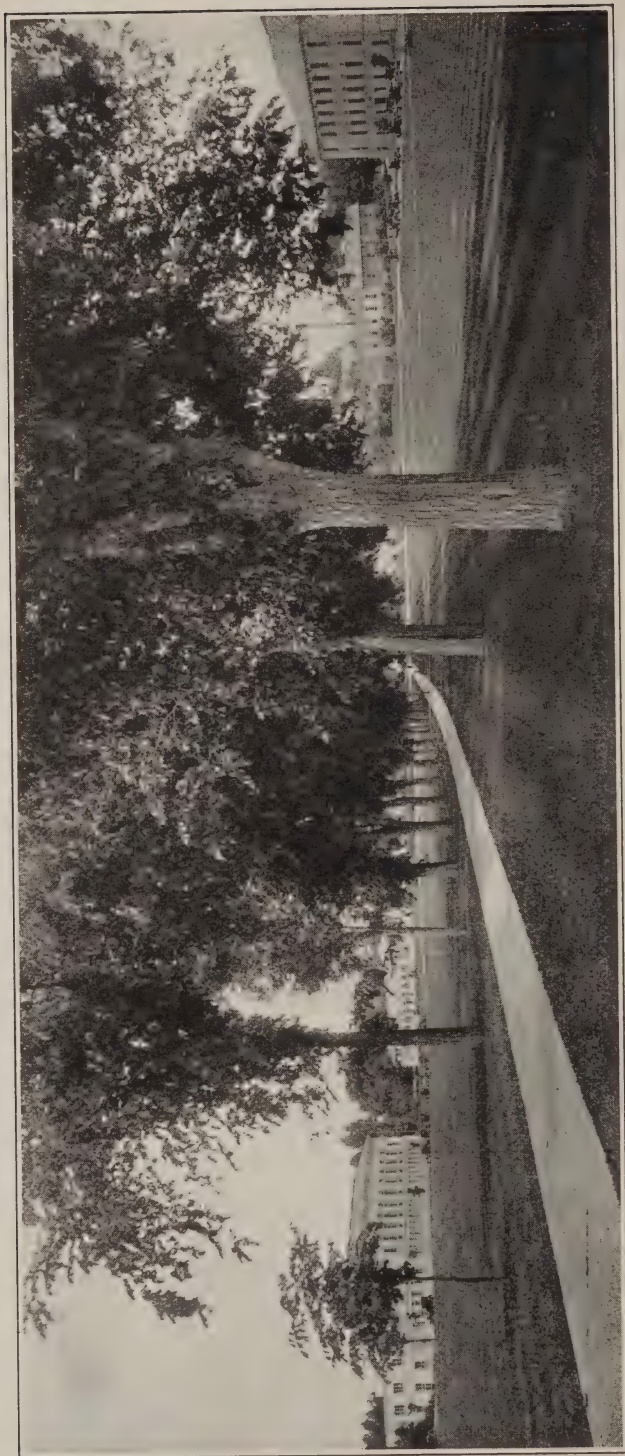
### October, 1928

<b>The Season's Furs, Blanche E. Hyde.....</b>	<b>113</b>
History and development of use of fur, briefly outlined. Interesting information concerning furs for women; their wearing qualities, with special emphasis on the short-haired fur.	
<b>The Quality of Cream, Geo. E. Morton.....</b>	<b>113</b>
Discussion of difficulties encountered in grading of cream. Appeal to producers of cream to raise their product to high standard and, in this way, secure the higher price inevitable for all butter fat in cream.	
<b>Preparation of Poultry Winter House, Hoyt M. Wells.....</b>	<b>113</b>
Description of the approved shed-type poultry house and a discussion of its advantages over other types.	
<b>Honeybees in Winter, R. G. Richmond.....</b>	<b>114</b>
Splendid discussion on prevention of death losses in bee colonies. Practical pointers on wintering bees.	
<b>Sanitation and Poultry Diseases, I. E. Newsom.....</b>	<b>114</b>
"Prevention rather than attempted cure is the only hope for the successful poultryman." Stresses the need for sanitation in combating disease.	
<b>Selection and Care of Pullets for Winter Egg Production, O. C. Ufford.....</b>	<b>114</b>
Warns against tendency of poultrymen to keep all pullets instead of culling. Contains many other practical pointers essential to egg production.	
<b>Tularemia, W. G. Sackett.....</b>	<b>115</b>
Information concerning a disease contracted in connection with dressing and eating of wild game, especially rabbits. Symptoms of the disease and precautions against it.	
<b>Livestock Feeding Suggestions, E. J. Maynard.....</b>	<b>115</b>
Reliable feeding hints based upon practical experiments in cattle-feeding.	
<b>Willow Grove 4-H Club Achievement Day.....</b>	<b>116</b>
F. A. Anderson, Leslie Anderson, Maude Sheridan, Grace Brand, James Hartman, Leslie Parsons, Mrs. Alexander Emslie, E. D. Smith, Donald Nash, Gertrude Warren.	
A Willow Grove meeting in which the grown folks recognize the club achievements of the children. Miss Gertrude Warren, National leader of 4-H club work, gives a talk.	

### November, 1928

<b>Furs (II), Blanche E. Hyde.....</b>	<b>117</b>
Interesting information concerning long-haired furs, their wearing qualities and their place in the woman's wardrobe today.	





Looking North Across the Oval on the Agricultural College Campus

	Program Number
<b>The Preparation and Marketing of Seed, Waldo Kidder.....</b>	<b>117</b>
Just the information which is wanted by the farmer who desires top price for his seed grain.	
<b>Price Changes and Their Relation to Future Plans, R. T. Burdick....</b>	<b>117</b>
Answers the question: "What Can a Farmer Do About the Fluctuations in Farm Crop Returns?"	
<b>Armistice Day Programs.....</b>	<b>118 and 119</b>
F. A. Anderson, Loyal Haynes, Leslie Anderson, Keith Morgan, Delmar Peterson, Jerry Cameron, Irvin Bigelow, S. Arthur Johnson, Frazier Arnold, John A. Harsha, Frank W. Moore.	
Patriotic addresses and music.	
<b>How Farmers Can Derive the Most Benefit From Crop-Reporting Service, R. T. Burdick.....</b>	<b>120</b>
Deals with a newly organized service of United States Department of Agriculture which gives "intentions to plant" information to the farmer before planting time; how it reaches him.	
<b>The Service of Amateur Drama to the Community, Alinda E. Montgomery .....</b>	<b>120</b>
How any rural community can derive benefit from amateur theatrical work. Pointers for those who put on plays.	
<b>Making Farming Plans for Colorado, T. H. Summers.....</b>	<b>120</b>
Answers the question: "Why it is so important to watch the other fellow to see what he is going to produce and how much."	
<b>Spraying and Dusting for the Control of Plant Diseases, E. A. Lungren .....</b>	<b>120</b>
Formulae for spraying and dusting to control plant disease. Also contains information concerning preventive measures for plant disease.	
<b>Special Thanksgiving Program, S. Arthur Johnson and Conservatory of Music .....</b>	<b>121</b>
<b>December, 1928</b>	
<b>Barberry Eradication, a Means of Reducing Black Stem Rust Losses, E. A. Lungren.....</b>	<b>122</b>
Early history of black stem rust and suggestions for its prevention and control.	
<b>Measuring and Estimating Ensilage and Hay, John W. Sjogren.....</b>	<b>122</b>
Practical rules for estimating silage and measuring hay.	
<b>Feeding Hens for Winter Egg Production, Hoyt M. Wells.....</b>	<b>122</b>
Requirements necessary for good egg production, including formulae for rations.	
<b>Trade Organization in the Dairy Industry, Roud McCann.....</b>	<b>123</b>
Contains figures and facts concerning the scope of the dairy industry. Improved sales service will increase consumption of dairy products.	
<b>The Truth About Some Dietary Fads (I), Miriam J. Williams.....</b>	<b>123</b>
Discourages ready acceptance of food fads, is a plea for common sense in meal planning. Suitable for club paper.	



<b>Lamb Losses In Colorado Feedlots, Floyd Cross.....</b>	<b>123</b>
Discussion of two main causes of death loss in lambs with recommendations for their control.	
<b>Debate on McNary-Haugen Bill, Earl Balis and Chester Leonard.....</b>	<b>124</b>
Both sides of the question brought forth in interesting manner.	
<b>Trade Organization in the Dairy Industry (II), Roud McCann.....</b>	<b>124</b>
What some of the larger trade, sales and educational associations are doing to acquaint the public with the need and value of dairy products.	
<b>Trade Organization in the Dairy Industry (III), Roud McCann.....</b>	<b>125</b>
Outlines fully the functions of the six principal commercial sales and advertising firms devoting the major part of their time to the dairy industry.	
<b>Utilization of Dryland Feeds for Livestock, E. J. Maynard.....</b>	<b>125</b>
Points out definite need for protein to supplement forage crops grown in non-irrigated sections. "Boiled down" information on feeding value of common crops.	

### January, 1929

<b>What Is a Clothing Budget? Blanche E. Hyde.....</b>	<b>126</b>
Discussion of the factors which influence the making of a clothing budget.	
<b>The Truth About Some Dietary Fads (II), Miriam J. Williams.....</b>	<b>126</b>
Dieting and its attendant dangers. Warns against use of drugs advertised as weight reducers. Could be used in nutrition club work.	
<b>How Colorado Farmers Are Controlling Grain Smut, E. A. Lungren.....</b>	<b>126</b>
Directions for control of smut thru treatment and early planting.	
<b>Sales Organization for the Future of the Dairy Industry (IV), Roud McCann .....</b>	<b>126</b>
Concluding talk of series pointing out that only thru combined action of all agencies can dairy industry reach full economic significance in lowered food costs and improved health for all people.	
<b>Questions Coming Thru Mail Regarding Poultry Problems, Hoyt M. Wells .....</b>	<b>127</b>
Answers typical poultry questions received from farmers.	
<b>Diseases Transmitted by Lower Animals to Man, Richard F. Bourne..</b>	<b>127</b>
Interesting talk enumerating the diseases transmitted to man from animals and recommendations for control of such diseases.	
<b>Hog-house Sanitation, John W. Sjogren.....</b>	<b>127</b>
Deals with necessity for sunlight in hog houses as a means of reducing death losses at farrowing time. Describes good-type house.	
<b>Special Program by Colorado County Extension Agents.....</b>	<b>128</b>
W. L. Elser, J. K. Wallace, J. C. Hale, D. C. Bascom, Lola Schlessman, Chas. Stocker, W. F. Droge, T. G. Stewart, Ramona Ryan, L. C. Gilbert, F. R. Lamb, P. L. Smithers, Exine Davenport, Philip Miles, Doris Lamoreux, J. L. Shields, Jas. Foster, C. A. Smith, John Toliver, Rush B. Locke, Mary Collopy.	



Talks on general marketing conditions by J. K. Wallace. W. L. Elser offered brief discussions of 4-H Club activities at National Western Livestock Show.

Humorous feature program with J. C. Hale in charge of a famous, "Whoosetinker" which, when turned upon each organized county, reveals the activities of the county extension agents and allows them to speak of their leading projects. Good summary of outstanding achievements of Colorado farmers and farm women.

**Typical Modern American Poems With Comments, Alice B. Curtis....129**

An intimate glimpse of poets known to Miss Curtis and an appreciation of their work.

**Plan to Fight Perennial Weeds, Walter S. Ball.....129**

Suggests practical methods of fighting perennial weeds thru cultural methods and crop planning as well as thru the application of salt.

**Boys' and Girls' 4-H Club Work, Senator J. J. Tobin.....129**

The meaning of 4-H club work, its value to the boys and girls participating and to the community as a whole.

**Willow Grove Extension Club Meeting.....130**

F. A. Anderson, A. C. Allen, Mary Collopy, Leslie Anderson, Delmar Peterson, Jerry Cameron, Burl Cowden and Raymond Froid.

**February, 1929**

**Stormy Day Jobs Around the Farm Home, Mary Collopy.....131**

"Why Husbands Go to Heaven" outlined in terms of jobs done around the house on stormy days.

**Crop Rotation and Permanent Soil Fertility, Alvin Kezer.....131**

Good and poor rotations and their effect upon crop yields.

**Planning Ahead for Dairy Rations, Geo. E. Morton.....131**

Points out that dairying is just as stable as any other line of business if properly handled. Recommends certain crops in dryland-farming plan to provide dairy rations.

**Growing Healthy Chicks, O. C. Ufford.....132**

Six safe pointers for growing healthy chicks. Includes suggestions for feeding and housing.

**Plans for Spring Planting of Trees, W. J. Morrill.....132**

An appeal for more tree planting, advantages of trees and how to secure the seedlings at cost.

**Color and Its Relation to Textile Materials, Blanche E. Hyde.....132**

Information on color as affected by weaves in cloth. New colors for spring.

**Reseeding Waste Range Land, Herbert C. Hanson.....133**

Practical suggestions on the reseeding of alkali seepage and other waste lands.

**The Farm Water Supply, John W. Sjogren.....133**

An appeal to the farmer to make the home water supply safe and readily accessible to the kitchen and laundry. Simple, inexpensive water systems explained.



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George Washington, S. Arthur Johnson.....	133
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A brief but splendid appreciation of certain traits of Washington. Suitable for patriotic programs.

Willow Grove Holds An Oyster Supper.....	134
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F. A. Anderson, Mrs. Alexander Emslie, R. W. Schafer, Mary Collopy, Waldo Kidder, R. H. Felts, Louise Pott, Donald Nash, Bruce Poundstone.

Topics of interest to farmers discussed informally at a Willow Grove community oyster supper. Vocal and instrumental music furnished by Conservatory of Music.

### March, 1929

Care and Feeding of Baby Turkeys, O. C. Ufford.....	135
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Early care and feeding of baby turkeys.

Storage of Clothing, Blanche E. Hyde.....	135
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Instructive talk dealing with proper storage of clothes. The talk opens with an original poem; suitable for paper for women's meetings or for clothing club groups.

The Proper Planning of Pasture Plantings, Waldo Kidder.....	135
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Shows that any farmer, in any location can have pasture crops every month of the growing season if he will plan and care for them properly. Includes formulae for standard grass mixture.

Planning the Farm Garden, Miriam J. Williams.....	136
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"A farm garden can be viewed as an insurance policy since an adequate garden provides winter and summer vegetables which protect health and keep us physically fit."

Rates of Seeding for Best Results, Waldo Kidder.....	136
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Outlines factors which must be recognized in determining rates of seeding and best average rate for irrigated and dryland sections.

Feed Flavors in Milk, C. A. Smith.....	136
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Detection and elimination of feed flavors in milk—beet tops, beet pulp, silage, wild onions, rye and weeds. Discusses the effect upon demand for milk and cream.

Tree Planting, Walter J. Morrill.....	137
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Correct methods of planting trees adapted to Colorado conditions to insure growth. Practical hints on care after planting.

Vegetable Diseases and Their Control, L. W. Durrell.....	137
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Valuable information on detection and control of some common diseases of truck crops.

More Pork Per Litter, A. C. Allen.....	137
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Sanitation in its relation to pork production.

Willow Grove Community Extension Club.....	138
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Feature Program.



Copies of program from April, 1929, to September, 1929, may be had upon request.